



ULTRACOTE 804 HB

(Micaceous Iron Oxide)

(Paints & Coatings)

HEAVY DUTY, HIGH PERFORMANCE

GENERIC CLASS: Micaceous iron oxide with chlorinated rubber resin.

PRODUCT DESCRIPTION: Micaceous iron oxide chlorinated rubber based on a halogenated hydrocarbon resin modified with unsaponifiable plasticizer. Combines the chemical resistance of chlorinated rubber with the anti-corrosive/barrier properties associated with micaceous iron oxide.

TYPICAL USES: Recommended for use as an intermediate coat/sealer and as a finish coat for various structures. For use as protective coating on areas expose to aggressive chemicals, highly corrosive environments such as pulp and paper mills, fertilizer plants, chemical processing, petrochemical and petroleum refineries, breweries, etc. It is also recommended for protection of marine and offshore structures even on submerged areas.

LIMITATIONS: Not recommended for immersion service on acids or solvent exposures.

CHEMICAL RESISTANCE GUIDE:

<u>Exposure</u>	<u>Immersion Service</u>	<u>Splash & Spillage</u>	<u>Fumes</u>
Acids	Fair	Very Good	Excellent
Alkalies	Fair	Very Good	Excellent
Solvents	NR	Poor	Poor
Salts	Very Good	Excellent	Excellent
Water (sea & fresh)	Excellent	Excellent	Excellent

TEMPERATURE RESISTANCE: (Dry Basis)

Sustained	:	150°F (65°C)
Intermittent	:	200°F (93°C)

FLEXIBILITY: Good

WEATHERING: Very Good

SUBSTRATES: Properly primed steel.

TOPCOAT REQUIRED: Normally none. May be topcoated with itself, Ultracote 830 Finish or Ultracote Anti-foulings or others as recommended.

COMPATIBILITY WITH OTHER COATINGS: May be applied over most chlorinated rubbers, epoxies, inorganic zincs, acrylics and some alkyds. Consult Ultracote Technical Services for specific recommendation.

CALCULATED VOLUME SOLIDS:

Ultracote 804 HB 40%±2%

RECOMMENDED DRY FILM THICKNESS PER COAT:

3 - 4 mils (75 - 100 microns)

CALCULATED COVERAGE PER GALLON:

642 sq. ft. (15.76 sq. m./li. @ 25 microns)
214 sq. ft. @ 3 mils (5.25 sq. m./li. @ 75 microns)
160 sq. ft. @ 4 mils (3.9 sq. m./li. @ 100 microns)

NOTE: Assume loss factor when estimating job requirements at prevailing condition.

SHELF LIFE: 12 months minimum. Materials on stock should be turned upside down every 3-4 months.

FLASH POINT: 68°F (20°C)

COMPONENT: One

COLORS: Red Oxide, Gray, Green

* Other colors are available on special order.

FINISH: Flat

MIXING: Mix to uniform consistency before use and occasionally during application. Thin up to 10% by volume with Ultracote Thinner #10.

Do not over thin! Over thinning will adversely affect the coating performance.

APPLICATION TEMPERATURES:

Material		
Minimum	:	40°F (4°C)
Maximum	:	100°F (38°C)
Surfaces		
Minimum	:	35°F (2°C)
Maximum	:	150°F (66°C)
Ambient		
Minimum	:	40°F (4°C)
Maximum	:	120°F (49°C)
Humidity	:	40-90%

Do not apply when the surface temperature is less than 5°F (2°C) above the dew point. Special thinning and application techniques may be required above or below normal conditions.

SURFACE PREPARATION: Remove any oil or grease from surface to be coated with clean rags soaked in Ultracote Thinner #2 or toluol.

STEEL: Apply over clean, dry recommended alkali resistant primer or surfacer.

CONCRETE: Apply over clean, dry recommended alkali resistant primer or surfacer.

SPRAY: Use adequate air volume for correct operation. Use 50% overlap with each pass of the gun. On irregular surfaces, coat the edges first, making an extra pass later.

CONVENTIONAL SPRAY: Use a 3/8" I.D. material hose. Hold gun 8-10 inches from the surface and at right angle to the surface.

<u>Mfr. & Gun</u>	<u>Fluid Tip</u>	<u>Air Cap</u>
Binks #18 or #62	66	66PB
DeVilbiss P-MBC or JGA	E	704

AIRLESS SPRAY: Use 3/8" I.D. Material hose. Hold gun 12-14 inches from the surface and at right angle to the surface.

<u>Mfr. & Gun</u>	<u>Pump</u>
DeVilbiss JGB-507	QFA-519 32:1
Graco 205-591	Bulldog 30:1
Binks Model 500	Jupiter 8D 35:1
Use a 0.017" - 0.021" tip with 2,200 psi.	

BRUSH OR ROLLER: Use natural bristle brush applying with full strokes. Avoid

rebrushing. If rolled, use a short nap mohair roller with phenolic core. Avoid rerolling.

DRYING TIME:

To Touch	:	30 mins @ 90°F (32°C)
		60 mins @ 75°F (24°C)
To Recoat	:	1 hr @ 90°F (32°C)
		3 hrs @ 75°F (24°C)
Dry Hard	:	24 hrs @ 75°F (24°C)

CLEAN-UP: Use Ultracote Thinner #2 or toluol.

STORAGE TEMPERATURE:

Minimum	:	40°F (4°C)
Maximum	:	110°F (49°C)

PACKAGING: Gallon (3.785 liters)
Pail (4 & 5 Gallons)

SAFETY INFORMATION: This product (and any recommended thinners) contains solvents and/or other chemical ingredients. Adequate health and safety precautions should be observed during storage, handling, application and curing. Keep away from sparks, heat and open flame and use necessary safety equipment such as air mask, non-sparking tools and ladders, etc. When working in tanks, rooms and other enclosed spaces, adequate ventilation must be provided. Keep out of reach of children.

WARRANTY & LIMITATION OF SELLER'S LIABILITY: Ultracote Paints and Coatings Corporation, warrants only its paints represented herein meet the formulation standards of Ultracote Paints and Coatings Corporation.

THE WARRANTY DESCRIBED IN THE ABOVE PARAGRAPH SHALL BE IN LIEU OF ANY OTHER WARRANTY, EXPRESSED OR IMPLIED, INCLUDING BUT NOT LIMITED TO ANY IMPLIED WARRANTY OR MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. THERE ARE NO WARRANTIES THAT EXTEND BEYOND THE DESCRIPTION ON THE FACE HEREOF.

The buyer's sole and exclusive remedy against Ultracote Paints and Coatings Corporation shall be for replacement of the product or refund of the purchase price in the event that a defective condition of the product should be found to exist. NO OTHER REMEDY (INCLUDING BUT NOT LIMITED TO, INCIDENTAL OR CONSEQUENTIAL DAMAGES FOR LOST PROFITS, LOST SALES, INJURY TO PERSON OR PROPERTY, OR ANY OTHER INCIDENTAL OR CONSEQUENTIAL LOSS) SHALL BE AVAILABLE TO THE BUYER. The sole purpose of this exclusive remedy shall be to provide buyer with replacement of the product or refund of the purchase price of the product if any defect in materials is found to exist. This exclusive remedy shall not be deemed to have failed its essential purpose so long as Ultracote Paints and Coatings Corporation is willing and able to replace the defective materials or refund the purchase price.

Technical and application information herein is provided for the purpose of establishing a general profile of the coating and proper coating application procedures. Test performance results were obtained in a controlled environment and Ultracote Company makes no claim that these tests or any other tests, accurately represent all environments. As application, environmental and design factors can vary significantly, due care should be exercised in the selection and use of the coating.

ULTRACOTE PAINTS & COATINGS CORPORATION

Main Office: No. 114 Eagle St. corner F. Legaspi St., Brgy. Ugong, Pasig City, Philippines
Tel. Nos. +63 2 671-3409 / 671-9261; Telefax Nos. +63 2 671-3410 / 671-3414

Cebu Office: Rm. 307 N & N Cortes Arcade, AC Cortes Avenue, Mandaue City, Philippines
Tel. No. +63 32 344-0268; Telefax No. +63 32 344-1638

E-mail: contact@ultracote.net | Website: <http://www.ultracote.net>